

COMMANDER, FIFTH COAST GUARD DISTRICT  
AIDS TO NAVIGATION BRANCH  
FEDERAL BUILDING, 431 CRAWFORD STREET  
PORTSMOUTH, VIRGINIA 23704-5004  
PHONE: (757) 398-6486 FAX: (757) 398-6334  
OFFICE HOURS: 8:00 AM TO 4:00 PM (MONDAY-FRIDAY)

U.S. Department  
of Transportation

United States  
Coast Guard

## LOCAL NOTICE TO MARINERS

Coastal Waters from Little River Inlet, South Carolina to Shrewsbury River, New Jersey

## MONTHLY EDITION

## BROADCAST NOTICE TO MARINERS

Navigation information having been of immediate concern to  
TO SUBSCRIBE, CHANGE ADDRESS OR BE  
the Mariner, and promulgated by the following broadcasts, has  
REMOVED FROM MAILING LIST CALL (757) 398-6367  
been incorporated in this notice when still significant:

- CCGD5 (D5) BNM 0090-97 TO 0114-97
- GROUP PHILADELPHIA (PH) BNM 0157-97
- GROUP CAPE MAY (CM) BNM 0150-97 TO 0161-97 Electronic bulletin board  
Service: (703) 313-5910
- ACTIVITY BALTIMORE (BA) BNM 0250-97 TO 0269-97 4300 to 28.8 bps, 8 data  
bits, no parity, 1 stop bit
- GROUP EASTERN SHORE (ES) BNM 0062-97 NIS watchstander, 24 hours a day:  
(703) 313-5900
- GROUP HAMPTON ROADS (HR) BNM 0316-97 TO 0355-97 Also available at the  
Internet Address:
- GROUP CAPE HATTERAS (CH) BNM 0124-97 TO 0143-97  
[HTTP://www.navcen.uscg.mil](http://www.navcen.uscg.mil) OR: <ftp://ftp.navcen.uscg.mil>
- GROUP FORT MACON (FM) BNM 0177-97 TO 0220-97

NOTES: (1) Unless otherwise indicated, missing and destroyed structures are presumed to be in  
the

immediate vicinity. Mariners should proceed with caution.

REFERENCES: Light List, Vol. II, Atlantic and Gulf Coasts, 1996 Edition (COMDTPUB  
P16502.2).

U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook to Cape Henry (32<sup>nd</sup> Edition).

U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (31<sup>st</sup> Edition).

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## REPORT DEFECTS IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

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## USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District. This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

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## *I SPECIAL NOTICE*

## INTENTIONAL ENCOUNTERS WITH WHALES PROHIBITED

From late fall to early spring, various species of whales, including the severely endangered right whale, may be encountered in the local offshore and inshore waters. Vessel operators are reminded to use caution around whales. Vessels are prohibited from approaching within 500 yards of a right whale. Vessels must steer a course away from the right whale and immediately leave the area. Intentional close approach to whales is prohibited and may result in a violation of federal or state law.

## LNM 12(CG5) 25 MAR 1997

### DISCREPANCY REPORTS OF THE MARINE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS)

The U. S. Coast Guard is in the Initial Operational Capability (IOC) Phase of the Marine Differential GPS Service. During IOC, the DGPS Service is available for positioning and navigation. However, users are always cautioned to use all available navigational tools to ensure proper evaluation of positioning solution. During this IOC Phase, system, validation tests are being conducted, procurement and installation of the next generation of transmitters are being pursued, the control station software is being upgraded, and other problems identified during the pre-operational and IOC Phases are being resolved.

To facilitate the evaluation and development of the final DGPS Service, Reports of DGPS discrepancies are highly beneficial. To ensure timely and complete information, users discrepancy reports are required in the following format:

### ***DGPS USER DISCREPANCY REPORT***

#### **DATE:**

REPORTING SOURCE:

REPORTING SOURCE PHONE NUMBER (DAY/NIGHT):

REPORTING SOURCE POSITION:      N/S              W/E

#### ***GENERAL GEOGRAPHIC LOCATION:***

DATE/TIME OF EVENT:

DURATION OF THE OCCURRENCE:

REPORTING SOURCE ACTIVITY:

ENVIRONMENTAL CONDITIONS (WX):

BEARING AND RANGE TO ELECTRICAL STORM: T/ NM

DGPS BROADCAST SITE IN USE:

TYPE OF DGPS RECEIVER USED:

PROBLEM DGPS RECEIVER INDICATED:

OTHER RECEIVER INDICATIONS:

DGPS PEACON SIGNAL STRENGTH OBSERVED:

DGPS PEACON SIGNAL TO NOISE RATIO OBSERVED:

USER DGPS RECEIVER OPERATES CORRECTLY WITH OTHER DGPS SITE(S): Y/N

DOES RECEIVER FUNCTION PROPERLY IN GPS MODE OF OPERATION COMMENTS:

THIS INFORMATION CAN BE SENT THE FOLLOWING WAYS:

VIA MAIL TO:

COMMANDING OFFICER/NIS

7323 TELEGRAPH RD  
ALEXANDRIA, VA 22315-3998

## **VIA MESSAGE TO:**

COGARD NAVCEN ALEXANDRIA VA//NIS//

VIA FAX:

(703) 313-5920

## **VIA INTERNET**

E-MAIL TO: NISWS@SMTP.NAVCEN.USCG.MIL

OR BY CALLING THE NIS WATCHSTANDER AT:

## **(703) 313-5900**

For current status of DGPS Broadcast Sites or if you require additional information contact the NIS Watchstander at (703) 313-5900. The NIS Computer Bulletin Board may be accessed at (703) 313-5910 (300-14400BPS), Communication parameters are 8 DATA BITS, 1 STOP BIT AND NO PARITY. Internet WWW.NAVEN.USCG.MIL.

LNM 09 (CG5) 04 March 1997

## **AVAILABILITY OF NAUTICAL CHART CORRECTION SUMMARIES**

Summaries of chart corrections are currently available summarizing corrections previously published in the Coast Guard Local Notice to Mariners. Ask by chart number for summaries available for charts having been published since LNM 34/90 THRU 18/97. As a general rule, all charts having been published referencing North American Datum 1983 are included in this time frame. These summaries only contain corrections published in the Coast Guard Local Notice to Mariners for the Fifth Coast Guard

District. To receive chart summaries write/phone the address/phone number on the cover of this Local Notice.

## **AVAILABILITY OF LIGHT LIST CORRECTION SUMMARIES**

A summary of corrections to the Light List, Vol. II, Atlantic and Gulf Coasts, 1996 Edition (COMDTPUB P16502.2) is currently available summarizing corrections previously published in the Coast Guard Local Notice to Mariners. To receive the Light List summary write/phone the address/phone number on the cover of this Local Notice.

## **LATEST EDITIONS FOR NAUTICAL CHARTS AND PRICE GUIDE**

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated April 1, 1997, published by the National Ocean Service, is available for issue. It may be obtained free from the Distribution Division, N/ACC3, National Ocean Service, 6501 Lafayette Avenue, Riverdale, MD 20737-1199. This is a quarterly publication listing the most recent editions of nautical charts, bathymetric maps, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and prices of each.

LNM 09 (CG5) 04 March 1997

## **NATIONAL OCEAN SERVICE - CHARTS, PUBLICATIONS, AND TABLES**

Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

LNM 01 (CG5) 02 January 1990

## **1996 TIDE TABLES, TIDAL CURRENT TABLES**

National Ocean Service is no longer printing or distributing the Tide Table and Tidal Current Tables. As of this date, two publishing firms are printing complete 1996 East and West Coast Tide and Tidal Current Predictions for U. S. ports and coastal areas.

Tide and Current Tables for 1996 are being printed by the International Marine Division of the McGraw-Hill Companies from original NOS manuscripts. Tide and Current Tables for 1996 are also being printed by Thomas Reed Publications in Reed's traditional format from original NOS data files. These products may be obtained in local stores that carry these products or directly from the publishing firms. For International Marine, call 1-800-822-8158. For Thomas Reed, call 1-800-995-4995.

## **CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION**

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecisions in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other

natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

LNM 01 (CG5) 02 January 1990

## **PRIVATE AIDS TO NAVIGATION**

### **Authority: Title 33, Code of Federal Regulations, Part 66**

Coast Guard Approval: No person, public body, or instrumentality not under the control of the Coast Guard, exclusive of the Armed Forces, shall establish, erect, or maintain in the navigable waters of the United States any aid to maritime navigation, without first obtaining permission to do so from the Coast Guard, nor shall any person, public body, or instrumentality change, move, discontinue or transfer ownership of any private aid to navigation so authorized without first obtaining permission to do so from the Coast Guard. Private aids to navigation shall be maintained in proper operating condition, and are subject to Coast Guard inspection at any time without prior notice.

Application Procedures: Application to establish and maintain Private aids to navigation shall be made to the Commander, Fifth Coast Guard District (oan). Application forms (CG-2554) will be provided upon request. The applicant will complete all appropriate parts of the form and return it to the District Commander.

Corps of Engineers Approval: Before any private aid to navigation consisting of a fixed structure, or buoy for any purpose, is placed in the navigable waters of the United States, authorization to erect such a structure or establish such a buoy shall also be obtained from the District Engineer, U.S. Army Corps of Engineers in whose district the aid will be located. Cautionary Note: Prior to the placement of any structures in the waterway to support an aid to navigation, local authorities should be contacted to ensure their requirements are met.

Protection of Private Aids: Private aids to navigation lawfully maintained are entitled to the same protection against interference or obstruction as is afforded by law to Coast Guard aids to navigation. If interference or obstruction occurs, a prompt report containing all the evidence available should be made to the Fifth Coast Guard District, and any person obstructing or interfering with an authorized private aid to navigation shall be deemed guilty of a misdemeanor and shall be subject to a fine not exceeding the sum of \$500 for each offense (33 CFR 70.01).

LNM 01 (CG5) 02 January 1990

## **NEW EDITION OF THE COAST PILOT**

PUBLICATION—National Ocean Service—U.S Coast Pilot 4, Atlantic Coast: Cape Henry to Key West, 1996 (31<sup>st</sup>) Edition, is ready for issue and may be obtained from:

Distribution Division N/ACC33,  
National Ocean Service,  
6501 Lafayette Avenue,  
Riverdale, MD 20737-1199,

and authorized sales agents of the National Ocean Service. Price \$20.00. The 1996 Edition cancels the preceding 1994 Edition. All corrections to the previous edition issued in Notices to Mariners are incorporated in this edition. Mariners are advised that a convenient "RECORD OF CHANGES" form is now available on page V of this book. All future Notice to mariners Coast Pilot changes will be serially numbered (i.e., Change No. 1, Change No. 2, ect.) to assist you in tracking the changes.

WATERWAYS ANALYSIS MANAGEMENT SYSTEM (WAMS) - MD - TANGIER SOUND - NANTICOKE RIVER

The Fifth Coast Guard District, Portsmouth Virginia is conducting a Waterways Analysis Management System (WAMS) survey of the Nanticoke Rivers. The WAMS system was developed to determine the navigational needs of the users of specific waterways, the adequacy of the navigational aids currently in place, and to solicit suggestions to improve navigation in these regions. The WAMS will be used in determining the future funding and resources for this region. Mariners are encouraged to contribute to this analysis by providing comments or suggestions relating to the navigational system, or waterway. Problems relating to the location of buoys, range lights, anchorages, repair response times, etc. in the Nanticoke River, Nanticoke Cut, Nanticoke East Channel, Bivalve Channel, Board Creek may be addressed to:

Officer in Charge  
USCGC CHOCKBERRY(WLI 65304)  
810 Norris Harbor Drive  
Crisfield, MD 21817-1656  
Attn: BMC S. B. Hearn

Comments should be received before 1 August 1997

For more information concerning this WAMS project contact BMC S.B. Hearn at (410) 968-0971.

#### WATERWAYS ANALYSIS MANAGEMENT SYSTEM (WAMS) - MD - CHESAPEAKE BAY - SMITH ISLAND

The Fifth Coast Guard District, Portsmouth Virginia is conducting a Waterways Analysis Management System (WAMS) survey of the Smith Island. The WAMS system was developed to determine the navigational needs of the users of specific waterways, the adequacy of the navigational aids currently in place, and to solicit suggestions to improve navigation in these regions. The WAMS will be used in determining the future funding and resources for this region. Mariners are encouraged to contribute to this analysis by providing comments or suggestions relating to the navigational system, or waterway. Problems relating to the location of buoys, range lights, anchorages, repair response times, etc. in the Big Thorofare Channel, Tyler Creek and Tylerton Harbor, Sheep Pen Gut, Smith Island West side may be addressed to:

Officer in Charge  
USCGC CHOCKBERRY(WLI 65304)  
810 Norris Harbor Drive  
Crisfield, MD 21817-1656  
Attn: BMC S. B. Hearn

Comments should be received before 1 August 1997

For more information concerning this WAMS project contact BMC S.B. Hearn at (410) 968-0971.

#### WATERWAYS ANALYSIS MANAGEMENT SYSTEM (WAMS) - MD - CHESAPEAKE BAY - MIDDLE CHESAPEAKE BAY TRIBUTARIES

The Fifth Coast Guard District, Portsmouth Virginia is conducting a Waterways Analysis Management System (WAMS) survey of the Middle Chesapeake Bay Tributaries.. The WAMS system was developed to determine the navigational needs of the users of specific waterways, the adequacy of the navigational aids currently in place, and to solicit suggestions to improve navigation in these regions. The WAMS will be used in determining the future funding and resources for this region. Mariners are encouraged to contribute to this analysis by providing comments or suggestions relating to the navigational system, or waterway. Problems relating to the location of buoys, range lights, anchorages, repair response times, etc. in the Knapps Narrows East Channel, Tilgham Island Harbor, Knapps Narrows West Channel, Harris Creek, Sharps Island may be addressed to:

Officer in Charge  
USCGC CHOCKBERRY(WLI 65304)  
810 Norris Harbor Drive  
Crisfield, MD 21817-1656  
Attn: BMC S. B. Hearn

Comments should be received before 1 August 1997  
 For more information concerning this WAMS project contact BMC S.B. Hearn at (410) 968-0971.

## NEW JERSEY SEASONAL NAVIGATIONAL AIDS

All mariners are avised of this warning: THERE MAY BE A DELAY IN THE PLACEMENT OF THE STATE OF NEW JERSEY 1997 SEASONAL NAVIGATIONAL AIDS IN THE NAVIGATABLE WATERS OF THE STATE OF JEW JERSEY. MARINERS ARE URGE TO USE EXTREME CAUTION WHILE TANSITING THESE AREA. ANY QUESTION CONCERNING THE PLACEMENT OF THESE AIDS, (NAVIGATIONAL BUOY, STAKES, AND REGULATORY SLOW NO WAKE BUOYS) SHOULD BE DIRECTED TO NEW JERSEY, AIDS TO NAVIGATION DEPARTMENT, (609) 693-9541.

### II DISCREPANCIES

The following is a summary of uncorrected discrepancies in aids to navigation as of 12:00 P.M., 30 APRIL 1997. Discrepancies will be corrected as soon as possible, and printed in the discrepancy list each week until corrected. All aids are listed in Coast Guard Light List, Volume II, 1996 (COMDTPUB P16502.2)

LNR	Name of Aid	Status	Chart Ref.	BNM	LNM
		affected	Ref.		Ref.
00240	OCEAN CITY IN LBB 2	MISSING		12200	0030ES 07/97
00345	CAPE CHARLES LBB 14	DBN DMGD/BUOYDMGD		12221	0703HR
25/96					
00385	NORTH CHESAPEAKE ENT LBB NCA	LT EXT		12200	0355HR
18/97					
00440	CHES BAY S APPROACH LB 6	LT EXT		12200	0248HR
13/97					
00470	CHES BAY S APPROACH LB 12	TRLB		12200	NONEHR
18/97					
00665	OCRACOCK INLET ENTRANCE LWB OC	OFF STA		11550	NONEHA
31/96					
00690	CAPE LOOKOUT SHLS LBB 4	BUOYDMGD		11544	0369FM
35/96					
00705	CAPE LOOKOUT SHLS LB 8	BUOYSINK		11544	NONEFM 37/96
00755	CAMP LEJEUNE DANGER ZONE LB D	OFF STA		11543	NONEFM
37/96					
00765	CAMP LEJEUNE DANGER ZONE LB F	OFF STA		11543	NONEFM
37/96					
00775	CAMP LEJEUNE DANGER ZONE LB H	OFF STA		11542	NONEFM
37/96					
00780	ON SLOW BAY WRK LB WR 2	OFF STA		11520	FM0090
09/97					
00855	CAPE FEAR RIV DUMPING GROUND LB A	OFF STA		11520	0457FM
44/96					
01170	ABSECON IN LGB 1	LT EXT		12318	0060CM 06/97
01485	DELAWARE BAY APP LWB CH	RAC INOP		12214	3396CM
43/96					
01630	DELAWARE BAY MAIN CH LB 35	EXT		12304	NONECM
10/97					
02490	BAKER RANGE LT 2B	TRLB		12311	NONEPH 10/97

03585	BACK CHANNEL LT 1	LT EXT	12312	NONEPH	10/97
05000	SINEPUXENT BAY DBN 2	TRUB	12211	0096ES	26/96
05120	SINEPUXENT BAY CH BY 29	TRUB	12211	NONEES	06/94
05130	SINEPUXENT BAY CH BY 33	MISSING	12211	0034ES	10/97
05283	CHINCOTEAGUE IN LB 3	LT EXT	12211	0237ES	02/97
05325	CHINCOTEAGUE CH LT 12	TRLB/DEST	12211	0046ES	15/97
05390	CHINCOTEAGUE CH DBN 27	TRLB/DEST	12215	NONEES	15/97
05395	CHINCOTEAGUE CH LT 28	TRLB	12210	0212ES	45/96
05400	CHINCOTEAGUE CH LT 29	TRLB	12211	NONEES	45/96
05405	CHINCOTEAGUE CH DBN 30	TRUB	12210	0176ES	39/96
05485	CHINCOTEAGUE BAY DBN 19	DBN DEST	12211	0015ES	
05/97					
05880	VA INSIDE PASSAGE LT 85	DBN DEST	12210	0181ES	41/96
06170	VA INSIDE PASSAGE DBN 165	TRUB/DEST	12210	0025ES	06/97
06595	VA INSIDE PASSAGE LT 270	DBN DEST	12224	0171ES	39/96
07030	CAPE HENRY B 1	LT EXT	12221	1338HR	48/96
07040	CAPE HENRY WRK LB 2CH	OFF STA	12222	NONECM	37/96
07355	RAPPAHANNOCK SHL CH LT TIDE GAUGE	DBN DEST	12226	0205HR	
11/97					
08600	UP CHESAPEAKE CH RR LT	LT EXT	12273	0238BA	16/97
08915	SHAD BATTERY SHOAL RR LT	LT EXT	12274	0240BA	
16/97					
09230	THIMBLE SHL CH LB 6	LT DIM	12222	1324HR	48/96
09235	THIMBLE SHL CH LB 7	LT IMCH	12222	0099HR	05/97
09370	NORFOLK ENT REACH RF LT	EXT	12245	0191HR	
10/97					
09375	NORFOLK ENT REACH RR LT	EXT	12245	0191FM	
10/97					
09615	CRANEY IS WARN DBN B	DBN DEST	12245	1341HR	48/96
10415	BROAD BAY CH LT 17A	TRLB	12254	0722HR	32/95
11055	BENNET CREEK DBN 3	DBN DMGD/DBN IMCH	12248	1425HR	
51/96					
12180	CHICKAHOMINY RIV DBN 19	DBN DEST	12251	0747HR	27/96
12400	JAMES RIV CH LB 90	LT EXT	12251	0303HR	16/97
14395	NORTH RIV LT 6 (MOBJACK BAY)	EXT	12238	0253HR	
13/97					
15465	TOTUSKEY CK LT 3	LT EXT/OSPREY	12237	0294HR	
16/97	15640 RAPPAHANNOCK RIV LT 36	TRUB/OSPREY	12237		
0352HR	18/97				
16075	INDIAN CK ENT LT 2	DBN DMGD	12235	0301HR	16/97
17120	ST PATRICK CK CH DBN 3	TRUB/DEST	12286	0228BA	16/97
17210	DUKEHARTS CH DBN 10	TRUB	12286	0812BA	29/96
17220	ST CATHERINE SD LWR ENT DBN 2L	DBN DEST	12286	NONEBA	
10/97					
17225	ST CATHERINE SD LWR ENT DBN 3L	TRUB	12286	0420BA	
10/96					
17235	ST CATHERINE SD LWR ENT DBN 6L	DBN DEST	12286	NONEBA	
10/97					
17245	ST CATHERINE SD LWR ENT DBN 9L	DBN DEST	12286	NONEBA	
10/97					
17320	WICOMICO RIVER LT 9W (POTOMAC RIV)	TRLB/DBN DEST	12286		
0182BA	11/97				
17950	UP POTOMAC RIV CH LB 23	OFF STA	12288	0167BA	10/97
18235	UP POTOMAC RIV CH LB 47	EXT	12289	0163BA	10/97
18580	UP POTOMAC RIV CH LB 84	EXT	12289	NONEBA	10/97



18685	FOUR MILE RUN DBN 6	TRUB/HAZ-TO-NAV	12289	NONEBA	
14/97					
18805	ST JEROME CK DBN 3	DBN DEST	12233	NONEES	07/97
20065	WHITEHALL CK ENT LT 2	DBN IMCH	12282	1035BA	43/96
20555	SPARROWS PT STEEL WRKS CH B 1	TRUB	12281	0148BA	
10/97					
20566	BOGUE INLET B 18A	OFF STA	11541	0133FM	13/97
21475	CAPE CHARLES CITY APP LT C	EXT	12224	NONEHR	
07/97					
21750	OCCOHANNOCK CK DBN 16	TRUB/DEST	12226	NONEES	
05/97					
21810	NANDUA CK CH DBN 13	TRUB	12226	0611HR	23/96
21815	NANDUA CK CH DBN 15	DBN DEST	12226	0538HR	21/96
22220	DEEP CK CH LT 11 (POCOMOKE SOUND)	DBN DEST	12228	NONEES	
10/97					
22225	DEEP CK CH DBN 12 (POCOMOKE SOUND)	DBN DMGD/DBN IMCH	12228		
NONEES	10/97				
22320	GUILFORD CK DBN 7	TRUB	12228	0672BA	23/96
22545	POCOMOKE RIV CH LT 10	TRUB	12228	NONEBA	08/97
23005	RHODES PT GUT CH DBN 5	TRUB	12231	0280ES	33/94
23010	RHODES PT GUT CH DBN 7	TRUB	12231	0280ES	33/94
23560	UP THOROFARE CH LT 1	TRLB	12231	0414BA	10/96
23810	WICOMICO RIV CH DBN 21	TRUB	12230	0077BA	05/97
23825	WICOMICO RIV CH DBN 24	DBN DEST	12230	0026ES	04/97
23970	NANTICOKE RIV DBN 4	TRUB	12261	NONEES	29/96
24550	HONGA RIV CH LT 17	TRUB	12261	NONEBA	08/97
24590	TAR BAY CH LT 3	TRLB	12261	NONEBA	11/96
25430	TRED AVON RIV LT 4	LT EXT	12266	0198BA	13/97
26190	ST MICHAELS HBR DBN 3	DBN DMGD	12270	NONEBA	10/97
27405	FAIRLEE CK LB 2	OFF STA	12278	NONEBA	10/97
27525	ABERDEEN PROVING GR ENT RF LT	LT EXT	12247	NONEPRIV	
11/96					
27530	ABERDEEN PROVING GR ENT RR LT	LT EXT	12247	NONEPRIV	
11/96					
28005	OREGON IN LB 7	MISSING	12204	0090CH	11/97
28065	OREGON IN LB 19	LT EXT	12205	0445CH	41/96
28315	WALTER SLOUGH DBN 4	TRUB	12205	0039D5	08/96
28325	WALTER SLOUGH DBN 6	TRUB	12205	0039D5	08/96
28330	WALTER SLOUGH LT 7	DBN DEST	12205	0077CH	08/96
28455	WANCHESE CH DBN 4	MISSING/DREDGING	12205	NONECH	
14/97					
28470	ROANOKE SOUND CH LT 17	TRLB	12205	0051CH	06/97
28575	ROANOKE SOUND CH DBN 32	DBN DMGD	12205	NONECH	
48/96					
28745	I.W.P. PIER LT	DBN DEST	11555	0500CH	48/96
28905	OCRACOKE IN LB 2	MISSING	11550	0106CH	12/97
29175	BARDEN IN B 7	MISSING	11545	NONEFM	16/97
29230	BARDEN IN DBN 20	TRUB/DEST	11545	0001FM	02/97
29275	HARKERS IS E CH DBN 1	TRUB/DEST	11545	0163FM	15/97
29350	BEAUFORT IN CH LB 8	OFF STA	11541	NONEFM	38/96
29365	BEAUFORT IN CH LB 12	OFF STA	11541	NONEFM	38/96
29375	BEAUFORT IN CH LB 14	OFF STA/LT CONT	11541	NONEFM	
38/96					
29380	BEAUFORT IN CH LGB 15	OFF STA	11541	NONEFM	38/96
29560	BOGUE IN B 15	OFF STA	11541	0133FM	13/97
29570	BOGUE IN B 19	OFF STA	11541	0139FM	14/97

29590	SWANSBORO HBR B 2	OFF STA	11543	NONEFM	13/97
29665	NEW RIV IN B 3	OFF STA	11541	0115FM	11/9730075
BANKS	CH LT 6	TRLB/DEST	11541	0616FM	52/96
30260	CAROLINA BEACH IN ENT LB CB	OFF STA	11541	NONEFM	
38/96					
30295	CAROLINA BEACH IN B 7	OFF STA	11534	0601FM	51/96
30318	CAPE FEAR RIVER CH LB 2	TRLB/DEST	11536	0022FM	03/97
30350	CAPE FEAR RIV CH LB 8	LT EXT	11537	NONEFM	38/96
30360	CAPE FEAR RIV CH LB 10	LT EXT	11537	0106FM	10/97
30360	CAPE FEAR RIV CH LB 10	BUOYDMGD	11537	NONEFM	
38/96					
30400	CAPE FEAR RIV CH LB 15	OFF STA	11537	NONEFM	37/96
30530	CAPE FEAR RIV CH LB 25	LT EXT	11537	0214FM	18/97
30590	SUNNY PT TERM JCT LT	TRLB/DEST	11537	0028FM	03/97
30650	CAPE FEAR RIV CH LB 29	LT EXT	11537	0285FM	28/96
30725	CAPE FEAR RIV CH LB 40	LT EXT	11537	0220FM	23/96
30835	CAPE FEAR RIV CH LT 57	TRLB/DAMAGED	11537	0200FM	
17/97					
31015	LOCKWOODS FOLLY IN B 2	MISSING	11534	0623FM	52/96
32070	LONG SHOAL LT LS	DBN DEST	11555	0556FM	48/96
32610	BRANT IS WARN DBN W	TRUB	11548	0343FM	34/96
32615	BRANT IS WARN DBN X	TRUB	11548	0343FM	34/96
32845	WILLOW PT SHL LT	LT EXT	11548	0209FM	18/97
33510	RACoon IS S DBN	DBN DEST	11552	0325CH	34/96
34025	NEUSE RIV CH DBN 29	DBN DEST	11552	NONEFM	39/96
34385	CORE SOUND LT 16	TRLB/DEST	11550	NONEFM	16/97
34395	CORE SOUND DBN 18A	DBN DEST	11550	NONEFM	39/96
34730	HARKERS IS W CH LT 1	TRLB	11545	0064FM	06/96
34780	TAYLOR CK DANGER SHOAL DBN	TRUB	11545	0263FM	
26/96					
35480	NEW JERSEY ICW LT 120	TRLB	12316	0023CM	08/95
36060	NEW JERSEY ICW DBN 278	TRUB	12316	0099CM	11/97
37010	COAST GUARD BASE DBN 1	DBN DEST	12206	NONECH	07/97
37560	G BRIDGE ALBEMARLE SD DBN 100	DBN IMCH	12206	0034CH	
05/97					
37710	G BRIDGE ALBEMARLE SD LT 143	LT EXT	12206	NONECH	
10/97					
37770	G BRIDGE ALBEMARLE SD LT 159	TRLB	12206	0141CH	
18/97					
37865	ALLIGATOR RIV LT 14	LT EXT	11553	NONECH	14/97
37870	ALLIGATOR RIV LT 16	LT EXT	11553	NONECH	14/97
38110	PUNGO RIV LT 8	DBN DEST	11548	0159FM	15/97
38465	RUSSELL SLOUGH DBN 6	TRUB/DEST	11545	0056FM	06/97
38605	MOREHEAD CITY HBR CH DBN 3	TRUB/DEST	11541	NONEFM	
16/97					
38650	MONEY IS CH DBN 1B	TRUB	11541	NONEFM	02/97
39020	BOGUE SOUND DBN 40A	TRUB	11541	0047FM	06/97
39040	BOGUE SOUND LT 45	TRLB/DEST	11541	0221FM	18/97
39235	BOGUE SOUND/NEW RIV LT 65	TRLB	11541	036FM	
05/97					
39495	NEW RIV/CAPE FEAR RIV LT 83	LT EXT	11541	NONEFM	
30/96					
39860	NEW RIV/CAPE FEAR RIV DBN 170	DBN DMGD	11534	0533FM	
48/96					
39865	NEW RIV/CAPE FEAR RIV DBN 172	DBN DEST	11534	0557FM	
48/96					

39870	NEW RIV/CAPE FEAR RIV DBN 174	DBN DEST	11534	0558FM	
48/96					
40100	CAPE FEAR LITTLE RIV LT 24	DBN DMGD	11534	0104FM	10/97
40315	CAPE FEAR LITTLE RIV DBN 73	DBN DEST	11534	044FM	05/97

# DISCREPANCIES CORRECTED

LNR	Name of Aid	Status affected	Chart	BNM Ref.	LN Ref.
07375	CHESAPEAKE CH LB 52	RELIGHTED		12252	0306HR
16/97					
11890	HOG ISLAND CUTOFF CH DBN 6	REBUILT/RECOVERED			12248
0037HR	03/97				
12840	HORSESHOE WEST CH DBN 4	REBUILT/RECOVERED			12222
1219HR	43/96				
13955	UPPER YORK RVR DBN 21	REBUILT/RECOVERED			12243
0055HR	03/97				
14040	UPPER YORK RVR DBN 36	REBUILT/RECOVERED			12243
0054HR	04/97				
25727	EDGE CK DBN 3	REBUILT/RECOVERED			12266
0548BA	45/9527870	NORTHEAST RIV DBN 12		REBUILT/RECOVERED	
12274	NONEBA	10/97			
28250	OLD HOUSE CH DBN 12	REBUILT/RECOVERED			12205
0028CH	04/97				
28735	HATTERAS IN LT 13	REBUILT/RECOVERED			11555
0100CH	12/97				
28860	ROLLINSON CH DBN 41	REBUILT/RECOVERED			11555
0105CH	12/97				
29975	NEW TOPSAIL IN B 1	RESET ON STATION		11541	NONEFM
14/97					
29995	NEW TOPSAIL IN B 3	RESET ON STATION		11541	NONEFM
14/97					
32060	CHICAMACOMICO CH DBN 4	REBUILT/RECOVERED			12204
NONECH	13/97				
32525	BRANT IS WARN DBN F	REBUILT/RECOVERED			11548
NONEFM	37/95				
32545	BRANT IS WARN LT J	REBUILT/RECOVERED			11548
0343FM	34/96				
32555	BRANT IS WARN DBN L	REBUILT/RECOVERED			11548
0343FM	34/96				
32590	BRANT IS WARN LT S	REBUILT/RECOVERED			11548
0343FM	34/96				
38195	GOOSE CK DBN 14	REBUILT/RECOVERED			11553
08/97					087FM
38600	MOREHEAD CITY HBR JCT LT MC	RELIGHTED			11541
0169FM	15/97				
38610	MOREHEAD CITY HBR CH DBN 5	REBUILT/REMAINS			11541
NONEFM	10/97				

KEY TO DISCREPANCY ABBREVIATIONS USED			
AICWW=Atlantic Intracoastal Waterway	HBR=Harbor	OPS CONSTANT=Operates	
Constantly			
ANCH=Anchorage	IALA=International Association of	PVT=Private	
Aid			
APP=Approach	Lighthouse Authorities	RBN=Radiobeacon	
ARTIC=Articulated Light	IMCH=Improper Characteristic	REDINT=Reduced	
Intensity			
BKHD=Bulkhead	INOP=Inoperative	REMAINS=Structure or portions	
remain in area			
BKWTR=Breakwater	JCT=Junction	RF=Range Front	
BNM= Broadcast Notice to Mariners	LB=Lighted Buoy	RR=Range Rear	
BS/NR=Bogue Sound/New River	LBB=Lighted Bell Buoy	RIV=River	
BY=Buoy	LHB=Lighted Horn Buoy	S=South/southerly	
CFR=Cape Fear River	LL=Light List	SHL=Shoal	
CFR/LR=Cape Fear River/Little River	LNB=Large Navigational Buoy	SND=Sound	
CH=Channel	LNM=Local Notice to Mariners	TRLB=Temporary lighted buoy	
CK=Creek	LT=Light	TRUB=Temporary lighted buoy	
DBD=Dayboard	LWB=Lighted Whistle Buoy	TRLT=Temporary Light	
DBN=Daybeacon	N=North/northerly	LGB=Lighted Gong Buoy	
DEST=Destroyed	MSLD=Misleading	VIP=Virginia Inside Passage	
EXT=Extinguished	NR/CFR=New River/Cape Fear River	WW=Waterway	
F/S=Fog Signal	OFF STA=Off Station	WARN=Warning	
GB/AS=Great Bridge to Albemarle Sound			

### III TEMPORARY CHANGES

The following aids have been temporarily changed from their advertised characteristics or positions. Their temporary positions can be obtained from Section IV of the Local Notice referenced in the right hand column.

### SUMMARY OF TEMPORARY CHANGES

LLNR	Name of Aids	Charts	LNM	Temporary Status	affected	Ref.
-----	Wreck Buoy W BC	Established	12207	41/96		
-----	Mooring Buoy	Established	12221, 12222	23/96		
-----	Mooring Buoy	Established	12221, 12222, 12225, 12245	17/96		
-----	Mooring Buoy	Established	12221	10/96		
-----	Barnegat Inlet Buoy 12A	Established (Shoaling)	12323, 12324	20/94		
-----	Mooring Buoy N1	Established	12323	22/96		
-----	Mooring Buoy N3	Established	12323	22/96		
-----	Mooring Buoy C1	Established	12323	22/96		
-----	Mooring Buoy C2	Established	12323	22/96		
-----	Mooring Buoy C3	Established	12323	22/96		
-----	Mooring Buoy C4	Established	12323	22/96		
-----	Mooring Buoy S1	Established	12323	22/96		
-----	Mooring Buoy S3	Established	12323	22/96		
505	Rudee Inlet Jetty LT 1	Changed to daybeacon	12200, 12205, 12207, 12221			
	10/96					
2490	Baker Range LT 2B	Changed to Buoy	12311	10/97		
4865	Isle of wight Bay DBN 12	Discontinued	12211	17/97		
5275	Chincoteague Inlet By 2 Relocated	12210, 12211	30/96			
5530	Virginia Inside Passage LT 2A	Discontinued	12210	49/96		

----	Hoskins Creek Buoy 3	Established	12237	25/96	
----	Little Annemessex River LB A	Established	12231	19/95	
----	Hatteras Inlet Lighted Buoy 5A	Relocated (Shoaling)	11555	13/96	
----	Hatteras Inlet Buoy 8A	Relocated (Shoaling)	11555	19/96	
----	Hatteras Inlet Buoy 8B	Established (Shoaling)	11555	19/96	
----	Hatteras Inlet Lighted Buoy 8C	Established (Shoaling)	11555	19/96	
----	Teaches Hole Channel LB 27A	Established (Shoaling)	11550	31/94	
----	Big Foot Slough 10A	Established (Shoaling)	11550	13/96	
29250	Bardens Inlet	Discontinued	11545	17/97	
29465	Morehead City Ch LB 25	Relocated	11547	17/97	
29470	Morehead City Ch LB 26	Relocated	11547	17/97	
----	New River Inlet B 3A	Established	11542	10/97	
----	New River Inlet B 11B	Established	11542	47/96	
29745	New River Ch DBN 15	Discontinued	11542	17/97	
----	New Topsail Inlet Buoy 8A	Established	11541	24/94	
----	Old Topsail Inlet Buoy 7A	Established	11541	13/95	
----	Bogue Inlet 10B	Relocated	11541	17/97	
----	Bogue Inlet 18A	Relocated	11541, 11543	17/97	
----	Masonboro Inlet B 8A	Established	11541	47/96	
----	Carolina Beach Inlet Buoy 4A	Established	11534	26/95	
----	Shallotte Inlet Buoy 3A	Established (Shoaling)	11534	16/95	
34780	Taylor Creek Chan Daybeacon 1	Changed to Danger Shl Dbn	11545	24/95	
34785	Taylor Creek Chan Daybeacon 1A	Changed to Danger Shl Dbn	11545	24/95	
----	Taylor Creek Chan Buoy 1	Established	11545	24/95	
----	Taylor Creek Chan Buoy 1A	Established	11545	24/95	
----	NJICW Buoy 114A	Established (Shoaling)	12316	32/96	
----	NJICW Buoy 126A	Established (Shoaling)	12316	25/95	
----	NJICW Buoy 170A	Established (Shoaling)	12316	33/96	
38640	Money Island Channel Warn. By B	Discontinued	11541, 11545, 11547	16/96	
38650	Money Island Channel DBN 1A	Renamed Daybeacon 1B	11541, 11545, 11547		
	11/94				
----	Money Island Channel BY 1A	Established	11541, 11545, 11547	11/94	
38655	Money Island Channel DBN 2	Renamed Daybeacon 2A	11541, 11545, 11547		
	11/94				
----	Money Island Channel BY 2	Established	11541, 11545, 11547	11/94	
----	Causeway Channel By 6A	Established	11541	25/96	
----	New River/Cape Fear River BY 143A	Established	11534	04/94	

#### NEW TEMPORARY CHANGES

LLNR	Name of Aids	Charts Temporary Status	LN M affected	Ref.
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**NONE.**

#### ***IV CHART CORRECTIONS***

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart Current Local Notice to Mariners	Chart edition	Edition date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction
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(35°25'29.813"N, 75°59'46.998"W) to 35°05'35.3"N  
075°59'47.6"W

12204 33<sup>rd</sup> ed., 06/15/96 LAST LNM 17/97 NAD 83 18/97  
CURRITUCK BEACH LIGHT TO WIMBLE SHOALS  
(CGD05)  
Add Chicamacomico Ch DBN 4, TR, in  
35°36'00.7"N 075°29'14.1"W

Delete Chicamacomico Temp Warning DBN in  
35°35'56.9"N 075°29'15.9"W

12210 34<sup>th</sup> ed., 12/28/96 LAST LNM 17/97 NAD 83 18/97  
CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET  
(NOS)  
Change depth legends to: 3 FT NOV 1996 at 37 27 20.0 N 075 46 22.0 W  
3 ½ FT 1996 at 37°28'33.0"N  
075°44'25.0"W

12214 39<sup>th</sup> ed., 02/17/96 LAST LNM 10/97 NAD 83 18/97  
CAPE MAY TO FENWICK ISLAND  
(CGD05)  
Relocate REHOBOTH BAY CH BY 21 from  
(38°38'3.703"N, 75°5'54.954"W) to 38°38'08.6"N  
075°05'47.5"W

12216 25<sup>th</sup> ed., 06/15/96 LAST LNM 49/96 NAD 83 18/97  
CAPE HENLOPEN TO INDIAN RIVER INLET  
(CGD05)  
Relocate REHOBOTH BAY CH BY 18 from  
(38°37'20.303"N, 75°5'44.554"W) to 38°37'16.2"N  
075°05'38.0"W  
REHOBOTH BAY CH BY 20 from  
(38°37'13.56"N, 75°5'44"W) to 38°37'11.7"N 075°05'42.4"W

#### REHOBOTH BAY CH BY 21 from

(38°38'3.703"N, 75°5'54.954"W) to 38°38'08.6"N  
075°05'47.5"W

12226 15<sup>th</sup> ed., 07/08/95 LAST LNM 16/97 NAD 83 18/97  
CHESAPEAKE BAY: WOLF TRAP TO PUNGOTEAGUE CREEK  
(NOS)  
Add black dotted lines, blue tint, and label:  
Obstn Fish Haven (auth min 15ft)  
Note: Delete all soundings and depth curves within fish haven.  
joining 37°43'31.0"N 075°52'31.0"W

to 37°43'36.0"N 075°53'09.0"W
to 37°44'15.3"N 075°52'49.3"W
to 37°44'15.3"N 075°52'09.4"W
(Supersedes LNM 16/97)

12228 26<sup>th</sup> ed., 09/19/92 LAST LNM 16/97 NAD 83 18/97

CHESAPEAKE BAY: POCOMOKE AND TANGIER SOUNDS  
(NOS)

Add black dotted lines, blue tint, and label:

Obstn Fish Haven (auth min 15ft)

Note: Delete all soundings and depth curves within fish haven.

joining 37°44'24.0"N 075°52'45.0"W

to 37°44'20.0"N 075°52'07.0"W

to 37°43'31.0"N 075°52'31.0"W

to 37°43'36.0"N 075°53'09.0"W

(Supersedes LNM 16/97)

Add black dotted lines, blue tint, and label: Obstn

joining 37°48'21.0"N 076°08'48.0"W

to 37°47'33.0"N 076°09'14.0"W

to 37°47'29.0"N 076°08'35.0"W

to 37°48'16.0"N 076°08'09.0"W

\*NOTE: Delete all soundings within fish haven.

(Supersedes LNM 16/97)

- 12238 34<sup>th</sup> ed., 01/21/95 LAST LNM 17/97 NAD 83 18/97  
CHESAPEAKE BAY: MOBJACK BAY AND YORK RIVER ENTRANCE  
(CGD05)
- Add Fox Hill Channel DBN 1, SG, in 37°06'07.0"N  
076°17'45.0"W
- Fox Hill Channel DBN 2, TR, in 37°06'06.0"N  
076°17'46.0"W
- Fox Hill Channel DBN 3, SG, in 37°06'05.0"N  
076°17'44.0"W
- 12263 46<sup>th</sup> ed., 09/21/96 LAST LNM 17/97 NAD 83 18/97  
CHESAPEAKE BAY: COVE POINT TO SANDY POINT  
(CGD05) Change Sandy Pt Lt 5 to Sandy Pt DBN 5, SG, in  
39°00'40.0"N 076°24'10.0"W  
(Supersedes LNM 17/97)
- 12270 26<sup>th</sup> ed., 02/12/94 LAST LNM 17/97 NAD 83 18/97  
CHESAPEAKE BAY: EASTERN BAY AND SOUTH RIVER  
(CGD05)
- Change Sandy Pt Lt 5 to Sandy Pt DBN 5, SG, in  
39°00'40.0"N 076°24'10.0"W  
(Supersedes LNM 17/97)
- 12278 65<sup>th</sup> ed., 09/28/96 LAST LNM 16/97 NAD 83 18/97  
CHESAPEAKE BAY APP TO BALTIMORE (CGD05)  
Delete Whitehurst Association Pier LT A in 39°05'05.0"N 076°31'28.0"W  
(Supersedes LNM 16/97)
- 12304 37<sup>th</sup> ed., 12/28/96 LAST LNM 14/97 NAD 83 18/97  
DELAWARE BAY  
(CGD05)
- Relocate MURDERKILL RIV B 2 from 39°03'45.6"N  
(39°23'41.76"N, 75°23'57.3"W) to  
075°23'00.7"W  
MURDERKILL RIV B 4 from



39°03'40.5"N 075°23'15.4"W

(39°3'39.06"N, 75°23'21.24"W) to

39°03'39.6"N 075°23'14.8"W

(39°3'35.22"N, 75°23'28.74"W) to

39°03'36.0"N 075°23'29.9"W

(39°23'41.76"N, 75°23'57.3"W) to

39°34'05.6"N 075°23'00.7"W

(39°3'42.54"N, 75°23'8.88"W) to

39°03'40.5"N 075°23'15.4"W

(39°3'39.06"N, 75°23'21.24"W) to

39°03'39.6"N 075°23'14.8"W

(39°3'35.22"N, 75°23'28.74"W) to

39°03'36.0"N 075°23'29.9"W

[illegible]

The following aids to navigation previously relieved with seasonal ice buoys have been reset for the season:

LLNR	AID NAME	CHART	LLNR	AID NAME	CHART
2095.00 12304	REHOBOTH BAY CH BY 1	12304	2157.00	REHOBOTH BAY CH BY 22	
2100.00 12304	REHOBOTH BAY CH BY 3	12304	2175.00	REHOBOTH BAY CH BY 27	
2105.00 12304	REHOBOTH BAY CH BY 5	12304	2320.00	MURDERKILL RIVER BY 3	
2110.00	REHOBOTH BAY CH BY 7	12304	4440.00	PEPPER CREEK BY 1	12216
2115.00	REHOBOTH BAY CH BY 9	12304	4455.00	PEPPER CREEK BY 5	12216
2120.00	REHOBOTH BAY CH BY 11	12304	4645.00	WHITE CREEK APPROACH	
BY 1 12216					
2125.00	REHOBOTH BAY CH BY 12	12304	4650.00	WHITE CREEK APPROACH	
BY 3 12216					
2135.00	REHOBOTH BAY CH BY 15	12304	4655.00	WHITE CREEK APPROACH	
BY 5 12216					
2140.00	REHOBOTH BAY CH BY 17	12304	4660.00	WHITE CREEK APPROACH	
BY 6 12216					

## VI ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION

### DE - UPPER DELAWARE RIVER CHANNEL - TRENTON MARINE CENTER

The Delaware Valley Boat Racing Club, Inc, will be holding the "Thunder on the Delaware Dragboat Race" at the Trenton Marine Center in Trenton, NJ on 18 May 1997. Upper Delaware River Channel B 105 (LLNR 4340) and Upper Delaware River Channel B 106 (4345) at the west end of Trenton Marine Center will be removed prior to the event. All mariners are urged to transit the area with caution.

Charts: 12314

LNM 16 (CG5) 22 APR 97

### DE - APPROACHES TO DELAWARE BAY TRAFFIC SEPARATION SCHEME (TSS)

On June 3, 1997 the Coast Guard will modify the Traffic Separation Scheme (TSS) in the Approaches to Delaware Bay. The TSS consists of a Precautionary Area, an Eastern approach, a Southeastern approach, and a Two-Way Route for coastal traffic entering and departing Delaware Bay. Navigation safety, economic and environment consideration necessitate action to better separate large inbound vessels from coastal traffic transiting easterly and northerly along traditional New Jersey coastal routes. Enclosure 1 and 2 shows the future changes to the Traffic Separation Scheme. For further information contact LT Harvey at (757) 398-6285

Charts: 12214

LNM 09 (CG5) 04 MAR 1997

### NC - CAPE HENRY TO PANLICO SOUND/ALBEMARLE SOUND

The following aid will be discontinued approximately May of 1997:

31645 ALBEMARLE SOUND DBN 4 36°04'30."N 076°12'54.0"W

The following aid will be established approximately May of 1997:

31645 ALBEMARLE SND LT 6AS 36°00'44.0"N 076°27'11.0"W

The following aid will be relocated approximately May of 1997:

31390 PASQUOTANK RIV ENT LT 36°09'18.0"N 075°58'24.0"W  
37045

The following aids characteristic will be changed approximately May of 1997:

31510 PERQUIMANS RIV ENT LT 2P to show FL R 4s 36°04'30.0"N 076°12'54.0"W

The following aids will be renamed approximately May of 1997:

31330 ,,,,,, KITTY HAWK BAY LT 2 to KITTY HAWK BY LT 2KH 36°01'11.0"N 075°45'48.0"W  
31360 DURANT ISLAND DBN 1 to DURANT ISLAND DBN 1D 36°00'15.6"N 075°51'58.7"W  
31365 POWELLS PT DBN 2 to POWELLS PT DBN 2PP 36°02'59.0"N 075°50'15.0"W  
31370 POWELLS PT DBN 4 to POWELLS PT DBN 4PP 36°06'03.1"N 075°52'23.7"W  
31395 PASQUOTANK RIV SLUE LT to PASQUOTANK RIV SLUE LT 36°09'01.6"N 076°01'17.7"W  
31485 ALBEMARLE SND LT 1 to ALBEMARLE SND LT 1AS 36°02'39.5"N 076°04'30.6"W  
31510 PERQUIMANS RIV ENT LT 2 to PERQUIMANS RIV ENT LT 2P 36°04'30.0"N  
076°12'54.0"W  
31515 PERQUIMANS RIV ENT DBN 3 to PERQUIMANS RIV ENT DBN 3P 36°04'53.0"N  
076°17'33.1"W

31525 LITTLE RIV ENT DBN 1 to LITTLE RIV ENT DBN 1L 36°05'54.6"N 076°10'22.7"W  
 31575 BULL BY DBN 2 to BULL BAY DBN 2BB 35°56'42.6"N 076°21'58.7"W  
 31585 SCUPPERNONG RIV CH ENT LT 1 to SCUPPERNONG RIV CH ENT LT 1SR 35°56'58.1"N  
 076°19'36.4"W  
 31630 ALBEMARLE SND LT 2 to ALBEMARLE SND LT 2AS 36°03'08.2"N 076°18'41.4"W  
 31632 ALBEMARLE SND LT 4 to ALBEMARLE SND LT 4AS 36°03'29.0"N 076°22'43.0"W  
 31635 ALBEMARLE SND LT 5 to ALBEMARLE SND LT 5AS 36°00'06.3"N 076°23'32.2"W  
 31650 ALBEMARLE SND LT 6 to ALBEMARLE SND LT 8AS 35°59'11.0"N 076°35'15.0"W  
 31655 ALBEMARLE SND LT 7 to ALBEMARLE SND LT 9AS 35°59'03.7"N 076°35'21.0"W  
 31660 KENDRICK CK CH ENT LT 1 to KENDRICK CK CH ENT LT 1KC 35°56'33.1"N  
 076°36'42.3"W  
 31670 ROANOKE RIV CH ENT LT 1 to ROANOKE RIV CH ENT LT 1RR 35°57'26.6"N  
 076°39'21.8"W  
 31790 CHOWAN RIV ENT LT 2 to CHOWAN RIV ENT LT 2CR 36°01'44.4"N 076°40'20.9"W

The following aids nominal range will be changed approximately May of 1997:

31390 PASQUOTANK RIV ENT LT to 11 nm 36°09'18.0"N 075°58'24.0"W  
 31485 ALBEMARLE SND LT 1AS to 6nm 36°02'39.5"N 076°04'30.6"W  
 31510 PERQUIMANS RIV ENT LT 2P to 5nm 36°04'30.0"N 076°12'54.0"W  
 31520 PERQUIMANS RIV ENT LT 5 to 4nm 36°04'30.0"N 076°12'54.0"W  
 Chart: 11553, 12205 LNM 10 (CG5) 11 Mar 1997

## ***VII PROPOSED CHANGES TO AIDS TO NAVIGATION-NONE***

## ***VIII GENERAL***

### **REGATTAS**

The sponsor of a marine event must notify the Coast Guard if, (1) The event will involve more than 50 participating vessels or more than 200 spectator vessels; (2) The event will take place in or near a designated environmentally sensitive area (including a critical habitat of a threatened or endangered species), or other area of historic, cultural, archeological significance, including an area of significance to Native Americans; (3) The event will involve participating vessel traveling at speeds of greater than 30 miles per hour, (4) The event will cause participating vessels or spectator vessels to cross a designate shipping lane or otherwise block or cause substantial interference with navigation on a body of water, (5) The event could present a substantial threat to the safety of human life on navigable waters; or (6) The sponsor is requesting the use of Coast Guard resources or the issuance of a special local regulation.

Marine events meet one or more of the above criteria will be head at the following location on the date designated below. Unless otherwise noted, special navigation regulations have not been issued. In the interest of safety, however, all vessels operating in or passing through these area should proceed with caution and are request to cooperate in not distruping these events. For more information about mariner events and special navigation regulations contact Boating Safety at 757-398-6204.

## **NORFOLK HARBOR, ELIZABETH RIVER, NORFOLK & PORTSMOUTH VA.**

Special Local Regulations (33CFR100.501) will be in effect at various times from June 06 - 08, 1997 for the Norfolk Harborfest Celebration waterborn events, which consist of boat races, parades,

demonstration, and fireworks displays. Contact Coast Guard Group Hampton Roads at (757) 483-8521 for further details.

## **CHESAPEAKE BAY, SANDY POINT TO KENT ISLAND MD.**

Special Local Regulations (33CFR100.507) will be in effect from 8 AM - 2 PM on June 08, 1997 for the Great Chesapeake Bay Swim. Contact Coast Guard Activities Baltimore at (410) 576-2521 for further details.

For Special Local Regulations for Marine Events: Norfolk Harbor, Elizabeth River, Norfolk and Portsmouth VA see Enclosure 3.

For Special Local Regulations for Marine Events: Southern Branch Elizabeth River, Portsmouth VA see Enclosure 4.

## **DREDGING OPERATIONS**

The following is a list of dredging operations being conducted in the Fifth Coast Guard District. All operators should be aware that the dredge and pontoon lines are held in place by cables which are attached to anchors some distance from the dredge and pontoons. Buoys are attached to the anchors so that they may be moved as the dredge advances. Mariners are advised that dredges, tugs, barges, submerged and or floating pipes, derricks, operating wires and buoys to mark positions of anchors may be located in the vicinity of dredging operations and that aids to navigation may be temporarily relocated to facilitate dredging. The dredge and related equipment will be lighted and marked in accordance with International or Inland Navigation Rules and the dredge will monitor channels 13 and 16 VHF-FM unless otherwise noted. Mariners are cautioned to strictly comply with Inland Navigation Rules when approaching, passing and leaving the area of operations, to remain a safe distance from the equipment, and to contact the dredge for specific transiting information.

LOCATION	COMPLETION DATE	DREDGE	REF	LNM
NJ-BOUGH OF AVALON-S. OF TOWNSEND INLT		01 JUN 97	BEACH BUILDER	16-97
NJ-NJICW-CAPE MAY TO BARNEGAT INLETT		01 OCT 97	14-97	
MD-BALD HEAD SHOAL CHAN	30 AUG 97	R.S. WEEKS	43-96	
VA-CHES BAY ENT-N CHAN BRIDGE TRESTLE D		UNTIL FURTHER NOTICE		4600 crane
barge	11-96			
VA-RUDEE INLET	22 MAY 97	PULLEN	17-97	
VA-HAMPTON AND HERBERT'S CREEK	15 JUN 97	MOBRO 1003, JAX V	17-97	
VA TO SC STATE LINE, AICW UNTIL FURTHER NOTICE		WILM DIS CORPS OF ENG.	43-96	
NC-CAPE FEAR RIVER	UNTIL FURTHER NOTICE	ARLINGTON	03-96	
NC-MOREHEAD CITY, NC	20 MAY 1997	ATCHAFALAYA, PADRE ISLAND	08-97	
NC-MOREHEAD CITY, NC	30 JUN 1997	CHEROKEE	11-97	
NC-WILMINGTON, NC	10 JUN 1997	PADRE ISLAND	08-97	

## **INFORMATION CONCERNING BRIDGES ACROSS NAVIGABLE WATERS OF THE FIFTH COAST GUARD DISTRICT**

The following is a list of operating information for certain bridges within the Fifth Coast Guard District. Mariners are advised that the bridges may be operating on a temporary schedule, with reduced

clearances, undergoing bridge repairs or under new bridge construction. Mariners are advised to proceed with caution, comply with Inland Navigation Rules at all bridges and to contact the bridge on channels 13 and 16 VHF-FM.

For more information refer to the referenced Local Notice To Mariner or contact the Bridge Administration Office of the Fifth Coast Guard District

at 757-398-6222.

BRIDGE	TYPE	WATERWAY	MILE	SUBJECT	LN
Knapps Narrows, Tilghman Is	F	Napps Narrows	0.4	Bridge Construction	17-97
Avalon Blvd/Ingrams Thorofare	B	New Jersey ICW	98.2	Bridge Repairs	14-97
Route 36 Highlands, NJ	B	Shrewsbury River	1.8	Pier Removal	09-96
Route 147	B	Grassy Sound Chl	105.2	New Bridge Construction	28-94
Route 47	B	Grassy Sound Chl	108.9	Fender Reconstruction	31-94
I-295 Highway	F	Crosswicks Creek	0.0	Bridge Construction	02-95
Burlington-Bristol Bridge, NJ	SW	Delaware River	117.8	Bridge Repair	41-96
Tacony-Palmyra	B	Delaware River	107.2	Bridge Information	14-96
I-295 Highway	F	Rancocas Creek	8.0	Bridge Reconstruction	31-96
Lovell Pt.-Sparrows Pt. I-695	P	Bear Creek	1.3	Bridge Construction	09-95
Draw Channel, PA, NJ	F	Delaware River	90.6	Bridge Construction	06-96
Assateague Pedestrian, MD	F	Sinepuxent Bay	3.5	Bridge Construction	22-96
Ocean City Route 50, MD	SW	Sinepuxent Bay	0.5	Bridge Opening Diviation	29-96
Cemtral Light Raild, MDF		Patapsco River	13.9	Bridge Construction	21-96
Md Route 436	SW	Severn River, Weems Ck	0.7	Bridge Construction	22-96
Main Street	DR	Wicomico River	22.4	Fender Repair	49-95
U.S. 50	DR	Wicomico River	22.4	Fender Repair	49-95
Lord Delaware Bridge, West Pt	F	York - Mattaponi Rivers	0.8	Cable Laying/Dredging	45-96
Chincoteague Is. Queens Sound	F	Chincoteague Island		Bridge Construction	13-97
Chincoteague Is. Queens Sound	F	Chincoteague Island		Bridge Construction	09-97
Chesapeake Bay Bridge Tunnel	F	Ches Bay Ent-North Chan		Bridge	33-96
Chesapeake Bay Bridge Tunnel	F	Ches Bay Ent-North Chan		Bridge	43-96
Fisherman's Inlet Bridge	F	Ches Bay Ent-Cape Charles		Bridge Construction	33-96
Hampton Rds Brdg Tnl I-664	F	Hampton Roads	0.0	Bridge Construction	07-96
Fishermans Inlet, VA		Fisherman's Inlet	0.0	New Bridge Construction	01-95
Nottoway River, Franklin VA	F	Nottoway River	2.8	Bridge Painting	15-97
Portsmth/Chesapk - Jordan Br	VL	Elizabeth R, S Br.	2.8	Bridge Information	40-95
Churchland Bridge, VA	F	Elizabeth R, W Br.	2.0	Bridge Information	13-95
I-64 High Rise Br-AICW	DR	Elizabeth R, S Br.	7.1	Bridge Information	45-96
U.S. 13-158	F	Chowan River		Bridge Repair	34-96
Route 10, Hopewell, VA	F	Appomattox River		Bridge Construction	27-96

Croatan Sound Dare County	Croatan Sound	Bridge Testing	13-96
Albemarle Sound-Chowan River	Chowan River	2.0 Bridge Construction	
13-96			
Nuese River	Neuse River	Bridge Construction	13-96
Hobucken-AICW	F AICW	Bridge Construction	25-96
Morehead-Beaufort Bridge	F AICW	Bridge Information	12-96
Pamlico River RR Bridge	F Pamlico River	Bridge Information	42-95

KEY: F=Fixed, DR=Draw, RIV=River, CH=Channel, HBR=Harbor, AICWW=Atlantic Intracoastal Waterway, B=Bascule,

E=East(Eastern), W=West(Western), S=South(Southern),N=North(Northern), SW=Swing Bridge, SYS=System, RR=Railroad,

Sked=Schedule, Constr=Construction, Rest=Restricted, SR=State Route, RSP=Removable Span, VL=Vertical Lift

# SUMMARY OF GENERAL ARTICLES IN EFFECT FOR THE WATERS OF THE FIFTH COAST GUARD DISTRICT

The following is a list of general information articles still in effect for the Fifth Coast Guard District. Information Articles will be published once upon receipt and again in LNM 01 of each year. To obtain the article refer to LNM 01 of this year or the original article referenced in the LNM column.

LOCATION	OPERATION	CHART(S)	LNM
PA-NJ-DE- DELAWARE RIVER BRIDGESBURG CHANNEL	HAZNAV		12311, 12312
17/97			
PA-DELAWARE RIVER-NESHAMINY CREEK	HAZNAV	12314	34/96
NJ-DE-DELAWARE RIVER-DELAWARE BAY	MISSING BARGE	12211	16/96
NJ-CAPE MAY INLET TO LOWER TOWNSHIP	BEACH RE-NOURISHMENT		12311
41/96			
NJ-SHARK RIVER	HAZNAV	12311	12/97
NJ-GREAT EGG HARBOR INLET	SHOALING	12318	19/96
NJ-MANASQUAN TO ATLANTIC CITY ICW	SHOALING	12316	29/96
NJ-GREAT EGG HARBOR INLET	OIL BOOM	12318	23/96
NJ-MAURICE RIVER	HAZNAV	12304	41/96
NJ-MAURICE RIVER	HAZNAV	12304	38/96
NJ-MAURICE RIVER	HAZNAV	12304	40/96
NJ-ICW-SEA GIRT TO LITTLE EGG INLET	HAZNAV		12316, 12318, 12323
05/96			
NJ-GREAT EGG HARBOR	HAZNAV	12316, 12318	24/96
NJ-CAPE MAY INLET EAST JETTY	HAZNAV	12214, 12317, 12318	34/96
NJ-CAPE MAY HARBOR	HAZNAV	12316, 12318	25/96
NJ-BROAD THOROFARE CHANNEL	SHOALING	12318	25/96
NJ-GREAT EGG INLET	SHOALING	12318	05/96
NJ-SEACOAST-OCEAN CITY	HAZNAV	12318	05/96
NJ-ICW-LITTLE EGG HARBOR	SHOALING	12216	21/96

NJ-CAPE MAY HARBOR	HAZNAV	12216	21/96	
NJ-ICW	SHOALING	12216	23/96	
NJ-DE-REHOBOTH BAY	SHOALING	12216	19/96	
NJ-DE-DEL RIV-C&D CANAL	DOLPHIN REPAIR		12277	18/96
DE-INDIAN RIVER INLET	SHOALING	12216	19/96	
DE-DELAWARE RIVER-REEDY IS RANGE	HAZNAV		12211	20/96
DE-MAURICE RIVER	HAZNAV	12304	21/96	
MD-UPPER CHES BAY-ELK RIVER-BOHEMIA RIVER	HAZNAV		12273	19/96
MD-UPPER CHES BAY-TURKEY POINT	HAZNAV	12273	23/96	
MD-UPPER CHES BAY-GUNPOWDER RIVER	HAZNAV	12274	27/96	
MD-UPPER CHES BAY-GUNPOWDER RIVER	HAZNAV	12274	42/96	
MD-UPPER CHES BAY-SOUTH RIVER	ATON INFO	12263	34/96	
MD-UPPER CHES BAY	HAZNAV	12272, 12273	24/96	
MD-TANGIER SOUND TEDIOUS CREEK	JETTY CONSTRUCTION		12261	42/96
MD-CHESAPEAKE BAY-BUSH AND GUNPOWDER RIVER	HAZNAV		12278	11/96
MD-CHESAPEAKE BAY-SEVERN RIVER-ANNAPOLIS HBR	HAZNAV		12282, 12283	
11/96				
MD-CHESAPEAKE BAY-EASTERN BAY-SOUTH RIVER	ATON INFO		12281	19/96
MD-CHESAPEAKE BAY-HONGA RIVER-TAR BAY	HAZNAV		12230, 12261	
51/95				
MD-ROCK HALL HARBOR	SHOALING	12278	34/96	
MD-SINEPUXENT BAY	SHOALING	12211	12/96	
MD-UPPER CHES BAY-UPPER CHES CH	HAZNAV	12273	10/96	
MD-UPPER CHES BAY-BAY BRIDGE TO C&D CANAL	HAZNAV		12273, 12274,	
12277			06/96	
VA-SEACOAST-GREAT MACHIPONGO INLET	SHOALING	12210	29/96	
VA-SEACOAST-BLACKFISH BANK	HAZNAV	12210	27/96	
VA-SEACOAST-VIP	SHOALING	12210	43/96	
VA-SEACOAST-RAPPAHANNOCK RIVER	SHOALING	12237	43/96	
VA-SEACOAST-RAPPAHANNOCK RIVER	SHOALING	12237	43/96	
VA-SEACOAST-CHINCOTEAGUE CHANNEL	SHOALING	12211	16/97	
VA-SEACOAST-WACHAPREAGUE CHANNEL-FINNEY CK	HAZNAV		12210	41/96
VA-RUDEE INLET	WALL CONSTRUCTION	12205	52/96	
VA-RUDEE INLET	SHOALING	12205	17/97	
VA-CHES BAY ENTRANCE	HAZNAV	12253	08/96	
VA-CHES BAY-BELLS CREEK	HAZNAV	12235	38/96	
VA-CHES BAY-LYNNHAVEN INLET	HAZNAV	12254	33/96	
VA-CHES BAY-LYNNHAVEN RIVER	HAZNAV	12254	33/96	
VA-CHES BAY-WILLOUGHBY BAY	HAZNAV		12221, 12222, 12245	
06/96				
VA-CHES BAY-KIPTOPEKE BEACH	HAZNAV		12222	43/96
VA-CHES BAY-ENTRANCE-NORTH CHANNEL	BRIDGE CONSTRUCTION		12222	
05/97				
VA-CHES BAY-JAMES RIVER	HAZNAV	12248	06/96	
VA-CHES BAY-JAMES RIVER	HAZNAV	12251	31/96	
VA-CHES BAY-LONG CREEK-BUBBA MARINIA	HAZNAV	12254	14/97	
VA-HAMPTON ROADS-VICINTY OF FORT WOOL	HAZNAV		12222, 12245	
17/97				
VA-JAMES RIVER-NEWPORT NEWS MARINE TERM PIER	PIER CONSTRUCTION		12245	
13/97				
VA-NEWPORT NEWS	HAZNAV	12248	15/97	
VA-CHES BAY-CRANEY ISLAND	WHARF CONSTRUCTION		12245	41/96
VA-CHES BAY-ELIZABETH RIVER	DIVING	12253	23/96	
VA-CHES BAY-FISHERMANS IN., N. BAY BRIDGE	HAZNAV		12222, 12254	27/96
VA-CHES BAY-NANDUA CREEK	SHOALING	12226	23/96	
VA-CHES BAY-LONG CREEK	HAZNAV	12254	14/97	

VA-NORFOLK HARBOR-LONG CREEK CHANNEL	SHOALING	12253	20/96
VA-NORFOLK HARBOR REACH	HAZNAV	12245	24/96
VA-CHES BAY-MOBLACK BAY	HAZNAV	12238	19/96
VA-CHES BAY-MOBLACK BAY	HAZNAV	12238	27/96
VA-ICW-WEST NECK CREEK	HAZNAV	12206	10/96
VA-NC-SEACOAST	RESEARCH EXERCISE	12207	16/97
NC-SEACOAST	ATON-HAZNAV	11520, 11009	38/96
NC-APPROACHES TO CAPE FEAR RIVER	HYDROGRAPHIC SURVEY		11520, 11534, 11536, 15/97
NC-ICW-ALLIGATOR RIVER	HAZNAV	11553	12/96
NC-AICW-CORE CREEK	HAZNAV	11541	43/96
NC-NEW RIVER-SNOW CUT CHNL	SHOALING	11554	39/96
NC-ICW-NEW RIVER TO BEAUFORT INLET	HAZNAV	11541	38/96
NC-ALBEMARLE SOUND-PASQUOTANKE RIVER	HAZNAV	12206	41/96
NC-PAMLICO SOUND/NEUSE RIVER	HAZNAV	11541, 11544	41/96
NC-OREGON INLET-WALTER SLOUGH	SHOALING	12205	19/96
NC-HATTERAS INLET	SHOALING	11555	06/97
NC-HATTERAS INLET	SHOALING	11555	19/96
NC-HATTERAS INLET	HAZNAV	11555	05/96
NC-NEUSE RIVER-WRIGHTSVILLE CHANNEL	SHOALING	11541	06/97
NC-HATTERAS INLET-ROLLINSON CHANNEL	SHOALING	11555	19/96
NC-OCRACOCK INLET-TEACHES HOLE CHANNEL	SHOALING	11550	19/96
NC-TEACHES HOLE CHANNEL	SHOALING	11550	15/97
NC-ALBEMARLE SOUND-AICW	HAZNAV	11553, 12205	07/96
NC-ALBEMARLE SOUND-AICW	HAZNAV	11553, 12205	07/96
NC-ALBEMARLE SOUND-	HAZNAV	12206	15/96
NC-ALBEMARLE SOUND-ROANOKE RIVER	HAZNAV	12205	05/96
NC-OREGON INLET-DARE COUNTY	HAZNAV	12204, 12205	10/96
NC-OREGON INLET-	SHOALING	12204	29/96
NC-AICW-CORE CREEK	SHOALING	11542	10/97
NC-AICW-NEW RIVER	SHOALING	11542	11/97
NC-NEUSE RIVER-ORIENTAL HARBOR	HAZNAV	11542	25/96
NC-MASONBORO INLET-WRIGHTSVILLE BEACH	JETTY REHABILITATION		11541 21/96
NC-ALLIGATOR RIVER-AICW	HAZNAV	11541	09/96
NC-HATTERAS INLET	SHOALING	11555	12/96
NC-PUNGO RIVER-TOOLLEY CREEK	HAZNAV	11548	14/97
NC-PAMLICO RIVER	HAZNAV	11554	23/96
NC-BARDEN INLET	SHOALING	11550	15/96
NC-OCRACOCK INLET	SHOALING	11550	05/96
NC-OCRACOCK INLET-TEACHES HOLE CHANNEL	SHOALING	11550	16/96
NC-BOGUE INLET	SHOALING	11541	26/96
NC-MASONBORO INLET	SHOALING	11541	52/96
NC-NEW TOPSAIL INLET	SHOALING	11541	26/96
NC-OLD TOPSAIL INLET	SHOALING	11541	03/97
NC-SHALLOTTE INLET	SHOALING	11534	26/96
NC-SHALLOTTE INLET	SHOALING	11534	52/96
NC-CAPE FEAR RIVER/LITTLE RIVER	SHOALING	11534	43/96
NC-TAR RIVER	BARGES	11555	15/97

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## ARTICLES

### NJ - DE - SEACOAST -Sonobuoy Operations

Mariners are advised that sonobuoy operations will be conducted during daylight hours in the area bounded by the following points:

38°36'00"N 075°00'00"W  
38°45'00"N 074°53'00"W  
38°45'00"N 074°20'00"W  
38°00'00"N 073°05'00"W  
38°00'00"N 075°11'00"W

These operations involve aircraft dropping objects at low altitudes. Mariners should exercise extreme caution when transiting the area.

Chart: 12200, 12214 LNM 21 (CG5) 23 MAY 1995

VA - SEACOAST/THIMBLE SHOAL CHANNEL - Low Altitude Helicopter Operations:

Mariners are advised that helicopter mine countermeasures (AMCM) operations will be conducted during daylight hours in the area bounded by the following points:

SEACOAST	THIMBLE SHOAL CHNL
37-00-00"N 75-55-00"W	37-00-27"N 76-12-46"W
37-30-00"N 75-34-00"W	37-01-23"N 76-12-24"W
37-30-00"N 75-30-00"W	37-00-09"N 76-07-38"W
37-00-00"N 75-30-00"W	36-59-12"N 76-08-01"W

36-55-00"N 75-55-00"W  
36-55-00"N 75-30-00"W  
36-30-00"N 75-30-00"W  
36-30-00"N 75-47-00"W

CHESAPEAKE ENT	SMITH ISLAND SHOAL
36-54-51"N 75-47-17"W	37-06-42"N 75-44-54"W
36-52-09"N 75-43-39"W	37-04-42"N 75-38-36"W
36-54-09"N 75-48-07"W	37-03-43"N 75-44-54"W
36-51-26"N 75-44-30"W	37-02-43"N 75-38-36"W

36-58-24"N 75-44-24"W	37-03-42"N 75-44-54"W
36-59-01"N 75-43-26"W	37-03-42"N 75-38-36"W
36-53-09"N 75-36-36"W	37-01-43"N 75-44-54"W
36-52-23"N 75-37-34"W	37-01-43"N 75-38-36"W

36-57-15"N 75-45-31"W	37-05-24"N 75-42-14"W
36-56-45"N 75-44-28"W	37-05-24"N 75-39-46"W
36-52-03"N 75-49-17"W	37-01-30"N 75-42-14"W
36-51-26"N 75-48-12"W	37-01-30"N 75-39-46"W

36-52-59"N 75-50-12"W  
36-52-28"N 75-49-09"W  
36-55-00"N 75-47-10"W  
36-55-32"N 75-48-13"W

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed

decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Chart: 12200, 12205, 12221, 12222, 12254 LNM 21 (CG5) 23 MAY 1995

### **VA - CHINCOTEAGUE ISLAND - QUEENS SOUND - Bridge Construction**

McLean contracting Company will be driving test piles for possible construction of a new bridge in Queens Sound at Chincoteague Island in approximate position 37-56-20N 075-25-00W. Pile driving and Bridge construction will continue until approximately December 31, 1997. Mariners are requested to slow down as this is a NO WAKE ZONE and are urged to transit this area with extreme caution.

Chart: 12211 LNM 18 (CG5) 06 MAY 1997

### **VA JAMES RIVER - NEWPORT NEWS MARINE TERM PIER B - PIER CONSTRUCTION**

Mariners are advised that Tidewater Construction will be conducting construction of a pier B extension at Newport News Marine Terminal, Newport News, VA. The new pier B extension which will extend out approx 380 feet west of the existing pier B. A barge mounted crane and material barges will be moored in the vicinity of the pier, barges will be secured by cable to anchors marked with steel buoys. Mariners should transit the area with extreme caution.

Chart: 12245 LNM 18 (CG5) 06 MAY 1997

### **VA - RUDEE INLET - Shoaling and Dredging**

The City of Virginia Beach reports that Rudee Inlet has severe shoaling to a depth of less than four (4) feet in the navigational channel. Mariners are urged to avoid the inlet.

The dredge PULLEN will be conducting dredging operations in Rudee Inlet. The dredging operations will be conducted 24 hours a day, weather permitting starting 30 April 1997 until approximately 22 May 1997. The City of Virginia Beach is recommending that mariners do not use Rudee Inlet due to the severe shoaling at the inlet mouth.

Chart: 12205 LNM 17 (CG5) 29 APR 1997

### **VA - HAMPTON ROADS AND VICINITY OF FORT WOOL**

Tour boat MISS HAMPTON II reported a submerged object in the vicinity of Fort Wool in approximate position 36-59N 076-18W.

Chart: 12222, 12245 LNM 17 (CG5) 29 APR 1997

### **VA - CHESAPEAKE BAY BRIDGE TUNNEL - Hazards to Navigation Update APRIL 7, 1997.**

Sea and weather conditions permitting, the IB909 is scheduled to conduct steel erection at the North Channel bridge section of the Chesapeake Bay Bridge Tunnel. Structure and equipment could present a hazard to navigation. Mariners must navigate the channel with extreme caution. Unnecessary transiting of the area should be avoided. The contractor maintains radio watch on channels 16 and 67. VHF-FM

The following Marine Construction activities are ongoing at the tunnel:

- I. The Crane Barge 4600 is placing rip/rap and armor stone at Portal Island I.
- II. The Crane Barge 247 and the Crane Barge Mobro will be working in the vicinity of the North Channel area constructing foundations, columns and caps for the new bridge.
- III. The elevated work platforms IB909 and the Weeks 750 will be driving piles, caps and deck units at Trestle A. These operations will be conducted on a 24 hours basis. until May 1, 1997. At times the IB909 will obstruct the channel. The call letters are "P.E.V.B.". It maintains a radio watch on channels 16 and 67.
- IV. Three temporary mooring piles have been driven at Trestle "A" at the following location:  
37°05'37.2N 75°59'38.3"W affixed with a 360° flashing yellow light
- VII. Rig and the Crane Barge Coen will be working in Fisherman's Inlet. The Coen Barge will be installing a fender system on the new bridge in Fisherman's Inlet. Upon completion of placement of rock Rig 23 will proceed to Trestle A.

The PCL/HARDAWAY/INTERBETON COMPANY has placed seven mooring piles in the North Channel area West of the Chesapeake Bay Bridge Tunnel. These piles will remain in place for up to 1 year and are lighted with a 360° flashing yellow light. The approximate position of the seven mooring piles are:

37°05'35.2N	075°59'45.3"W	37°05'37.8N	075°59'36.2"W
37°05'35.8N	075°59'43.1"W	37°05'38.5N	075°59'33.6"W
37°05'36.6N	075°59'45.3"W	37°05'39.3N	075°59'16.2"W
37°05'37.2N	075°59'38.3"W		

Mariners should be aware that all work is being performed on the West side of the existing Chesapeake Bay Bridge Tunnel. Floating equipment is secured by a six-point anchoring system with anchor cables extending up to 2000 feet in all directions from the equipment. Equipment is moved as necessary to structures and cables present extreme hazards to navigation. Mariners should avoid the construction zone if possible. Mariners should use extreme caution when transiting the area. Hazards to navigation are identified by 360 flashing yellow lights.

The PCL/HARDAWAY/INTERBETON COMPANY has placed seven mooring piles in the North Channel area West of the Chesapeake Bay Bridge Tunnel. These piles will remain in place for up to 1 year and are lighted with a 360° flashing yellow light. The approximate position of the seven mooring piles are:

37°05'35.2N	075°59'45.3"W	37°05'37.8N	075°59'36.2"W
37°05'35.8N	075°59'43.1"W	37°05'38.5N	075°59'33.6"W
37°05'36.6N	075°59'45.3"W	37°05'39.3N	075°59'16.2"W
37°05'37.2N	075°59'38.3"W		

Chart: 12222 LNM 10 (CG5) 11 MAR 1997

## GhazNav

36°56'15.5"N 076°07'27.1"W

37°05'11.4"N 076°00'13.8"W

37°05'27.8"N 075°59'20.0"W

Each pile shows a slow flashing 360° yellow light.

Chart: 12254 LNM 11 (CG5) 05 MAR 1996

## NC - NEW RIVER - Firing exercises

The Commanding General, Marine Corps Base, Camp Lejeune, North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10.0 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service Chart 11543, will be hazardous to navigation because of field firing exercises during the following periods:

NONE FOR THE PERIOD 12 - 18 MAY 97.

Firing to 3 miles seaward.

All navigation is urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway where mariners traveling through this area can expect a delay of about one hour during the above times. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). The restricted areas in New River, as shown on National Ocean Service Chart 11542, will be closed to navigation because of firing exercises during the following periods:

Jacksonville Sector Sunrise to Sunset daily, 12 - 18 MAY 97.

Farnell Bay Sector Sunrise to Sunset daily, 12 - 18 MAY 97.

Traps Bay Sector Sunrise to Sunset daily, 12 - 18 MAY 97.

Stone Bay Sector 12:01 AM to Midnight, 12 - 18 MAY 97.

Stone Creek Sector 12:01 AM to Midnight, 12 - 18 MAY 97.

Grey Point Sector 12:01 AM to Midnight, 12 - 18 MAY 97.

The below listed times include a continuation of overhead fire of artillery across New River. Mariners may experience delays in transiting the New River in Grey Point sector.

NONE FOR THE PERIOD 12 - 18 MAY 97.

Ship operations consisting of landing craft, amphibious vehicles, and helicopters will be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 AM to Midnight,

12 - 18 MAY 97.

Charts: 11542, 11543

## IX LIGHT LIST CORRECTIONS for COMDTPUBP16502.2 Volume II 1996 Edition

(\*)indicates change(s) in column indicated

(1) No.	(2) Name and location	(3) (4) Position	(5) (6) Characteristic	(7) (8) Height	Range	Structure
7815	Matapeake North Breakwater Daybeacon 1				SG on pile.	Private Aid.
	*	*	*		18/97	

7925

Sandy Point  
Daybeacon 5

SG on pile.

Private Aid.

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18/97

***K. H. WILLIAMS***

VICE ADMIRAL, U. S. COAST GUARD

***X ENCLOSURES***

1. Advance Notice of Delaware Bay Traffic Separation Scheme Changes.
2. 33 CFR part 167 proposed changes in Positions of Traffic Separation Scheme.
3. Cost of Non-Compliance
4. Special Regulations for Marine Events: Norfolk Hbr, Elizabeth River, Norfolk and Portsmouth, VA.
5. Special Regulations for Marine Events: Southern Branch Elizabeth River, Portsmouth, VA.